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Chrif

PHILADELPHIA, January 8th, 1793.

SIR,

HAVE the honor to inclose you a Report of the affays and experiments made on the Gold and Silver Coins of France, Spain, England, and Portugal, in pursuance of the resolution of the House of Representatives of November 29th, 1792, and of affuring you of those sentiments of respect and esteem, with which I am

SIR,

Your most obedient,

And most humble fervant,

TH: JEFFERSON.

The Speaker of the House of Representatives.

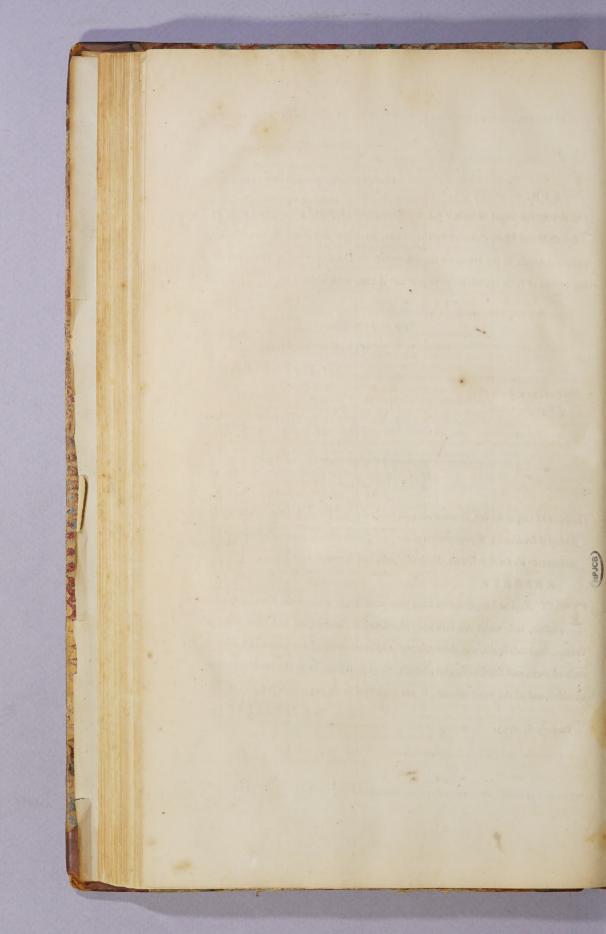
The Secretary of State, to whom was referred by the President of the United States, the refolution of the House of Representatives of the 29th of November, 1792, on the subject of Experiments on the Coins of France, England, Spain, and Portugal—

REPORTS,

THAT affays and experiments have been accordingly made at the Mint by the Director, and under his care and inspection, of fundry gold and filver coins of France, England, Spain, and Portugal, and of the quantity of fine metal and alloy in each of them, and the specific gravities of those of gold given in by the Director, a copy of which, and of the letter covering it, are contained in the papers marked (A) and (B).

Th: LEFFERSON.

January 8, 1793.



HAVE herewith enclosed the result of our Assays, &c. of the Coins of France, England, Spain and Portugal. In the course of the experiments a very small source of error was detected, too late for the present occasion, but which will be carefully guarded against in suture.

I am, with the most perfect esteem,

Your most obedient humble fervant,

DAVID RITTENHOUSE,

(Copy.)

T. JEFFERSON, Secretary of State.

Director of the Mint.

(B)
ASSAY of GOLD COINS.

	In 24 Grains.				* Specific	Date.		In 24 Grains.				Specific	
Date.		Fine Gold.		Alloy.				gravity.	Fine Gold.		Alloy.		gravity.
1		grs.	32 pts.	grs. 32	pts.				grs.	32°pts.	grs. 3	2 pts.	
	(1726	21	16	2 1		17. 48		r 1755	21	28	2	4	17.78
French guineas	1734	21	19	2 I	3	17. 38		1777	21	'31	2	I	17. 75
	1742	21	26	2	6	17. 58	English	1785	21	30	2	2	17. 78
	1753	21	3	2 2	9	17. 23	guine as	1788	2 I	31	2	1	17.79
Double do.	11775	21	22	2 1	0	17.57		1789	22	3	I	29	17. 78
	(1786	21	22	2 I	0	17.51		1791	22	1	I	31	17.74
	31789	21	22	2 I	0	17.50					-	-	-
uv.	(1790	21	25	2	7	17.57		[1739	21	31	2	I	17.63
-					-		Half jo-	1770	22	.5	1	27	17. 78
Spanish pistoles	(1776	21	2 I	2 I	I	17. 53	annes of	1776	22	5	1	27	17.87
	1780	2 I	0	3	0	17. 57	Portugal	1785	21	30	2	2	17.68
	1786	21	18	2 I	4	17.63		1788	21	31	2	I	17.78
	[1788]	21	2	2 3	0	17. 0							

## SILVER COINS.

77 (	In 12 (		Date	In 12 O		
			LOUG 6	oz. dwt. grs.		
of William III	oz. dwt grs.	I 0 141		10 15 5	1 4 19	
English shilling - 1787 French crown - 1791	11 0 $2\frac{1}{2}$	0 19 21 Spa	anish 1782	10 14 22	1 5 21-	
do. half crown - 1791			1791	10 14 212	1 5 2 =	
do 1792	10 16 19	1 3 5				

Assayed by Mr. David Ott, under my inspection, at the mint, in pursuance of a resolution of Congress of November 29, 1792. I have added the specific gravity of each piece of gold coin.

DAVID RITTENHOUSE,

Director of the Mint.

MINT, January 7, 1793.





